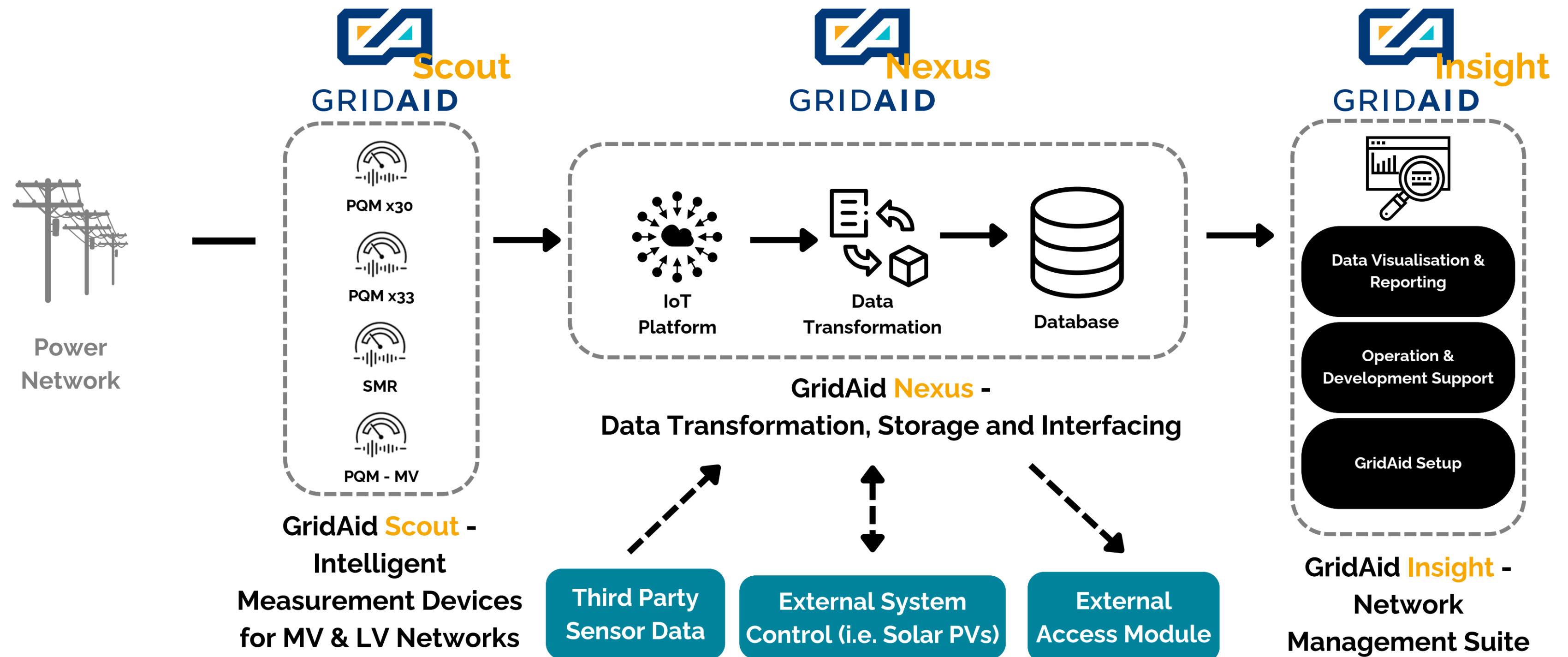


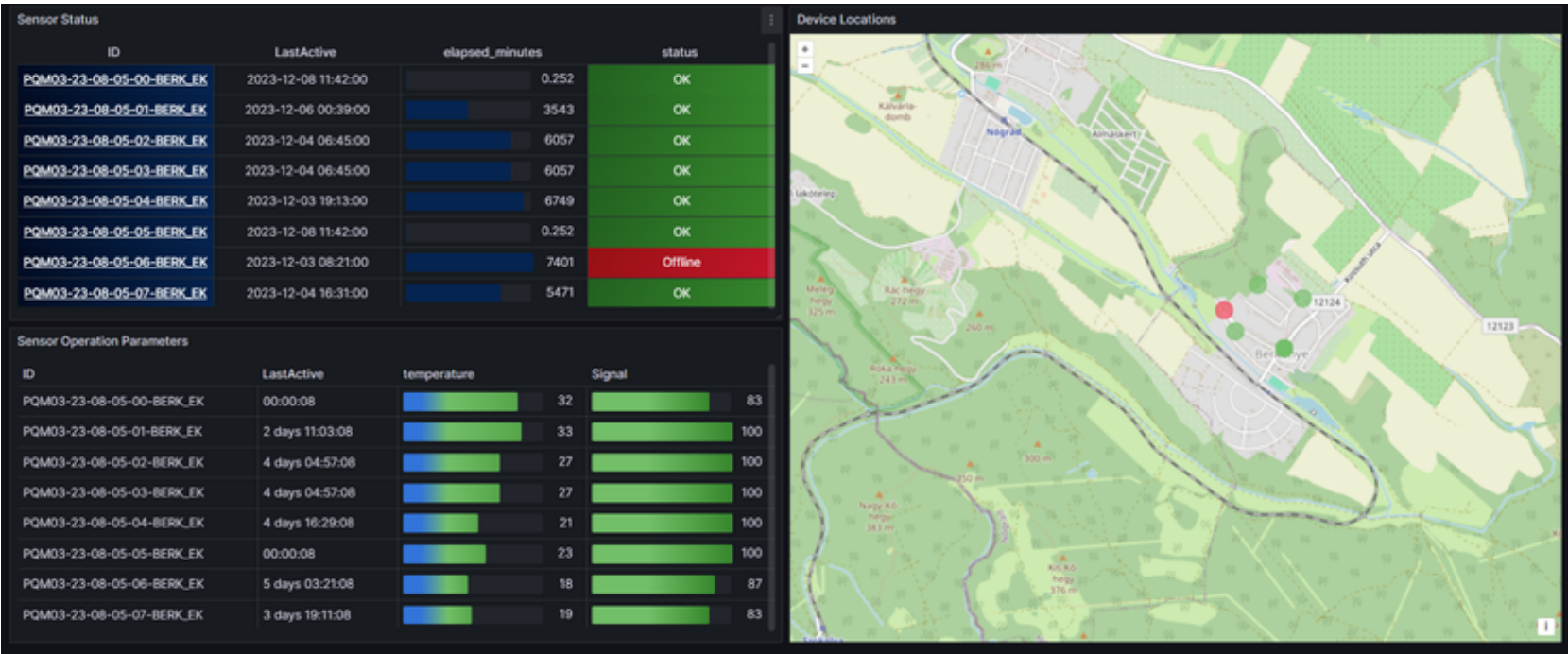
GridAid Insight

Network management software

GridAid Insight provides network visibility through dashboards, analysis and reporting. Working with Scout measurement devices and Nexus data management, it supports daily operations and network development decisions for distribution system operators.

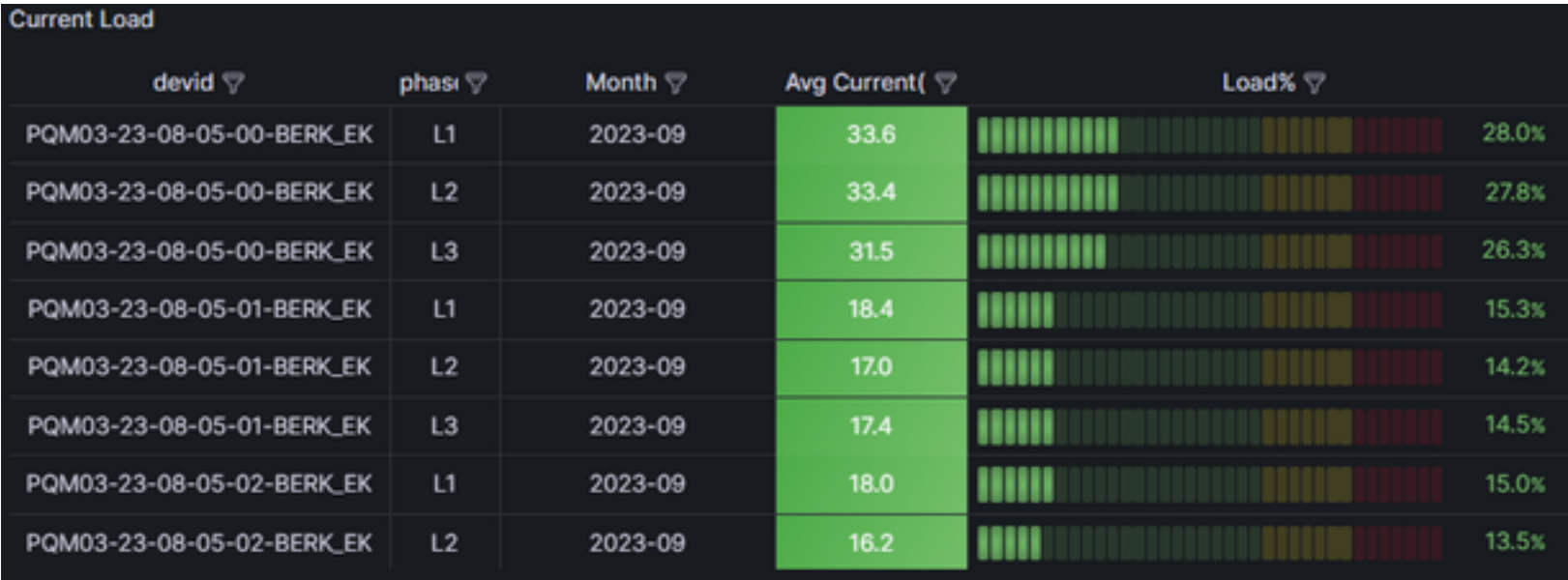


Quasi-real-time visibility of devices and network conditions



Device status and location

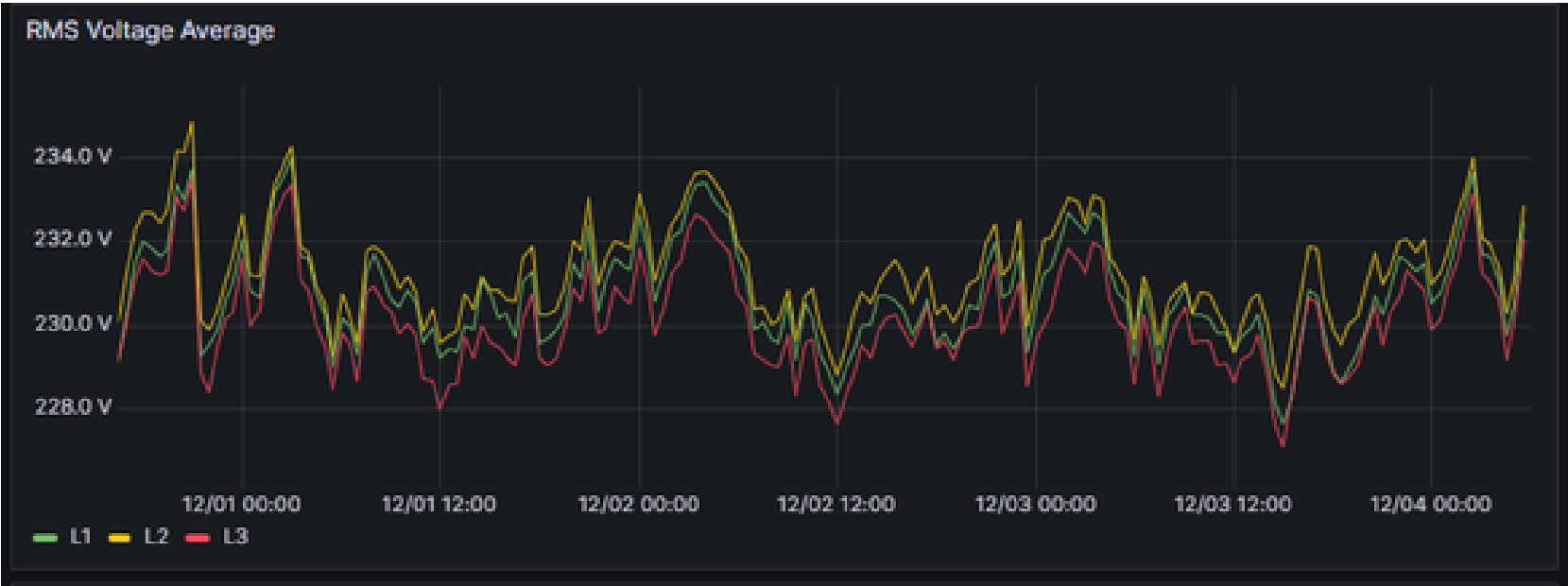
Review device availability alongside a map of measurement locations. Status indicators and operating parameters help users identify devices that may require attention and place their measurements in a geographical context.



Network status and loading

Compare current and loading information across monitored devices and phases. Multi-parameter dashboards bring measurements together to support supervision of the network and investigation of operating conditions.

Measurement trends and reports for operational review



Voltage Quality Analysis (based on 1 minute averages)				
phase	minimum	average	maximum	percentile5
L1	0.0 V	238.3 V	258.2 V	212.0 V
L2	350.0 mV	239.8 V	258.2 V	229.2 V
L3	500.0 mV	239.8 V	258.1 V	229.1 V

Voltage Quality Analysis 2 (based on 1 minute averages)				
phase	Between +10%-10%	Over 10%	Under -10%	Hours out of +10%-10%
L1	70.7%	24.4%	4.93%	8.13 hour
L2	73.6%	24.8%	1.56%	7.32 hour
L3	74.3%	24.2%	1.50%	7.12 hour

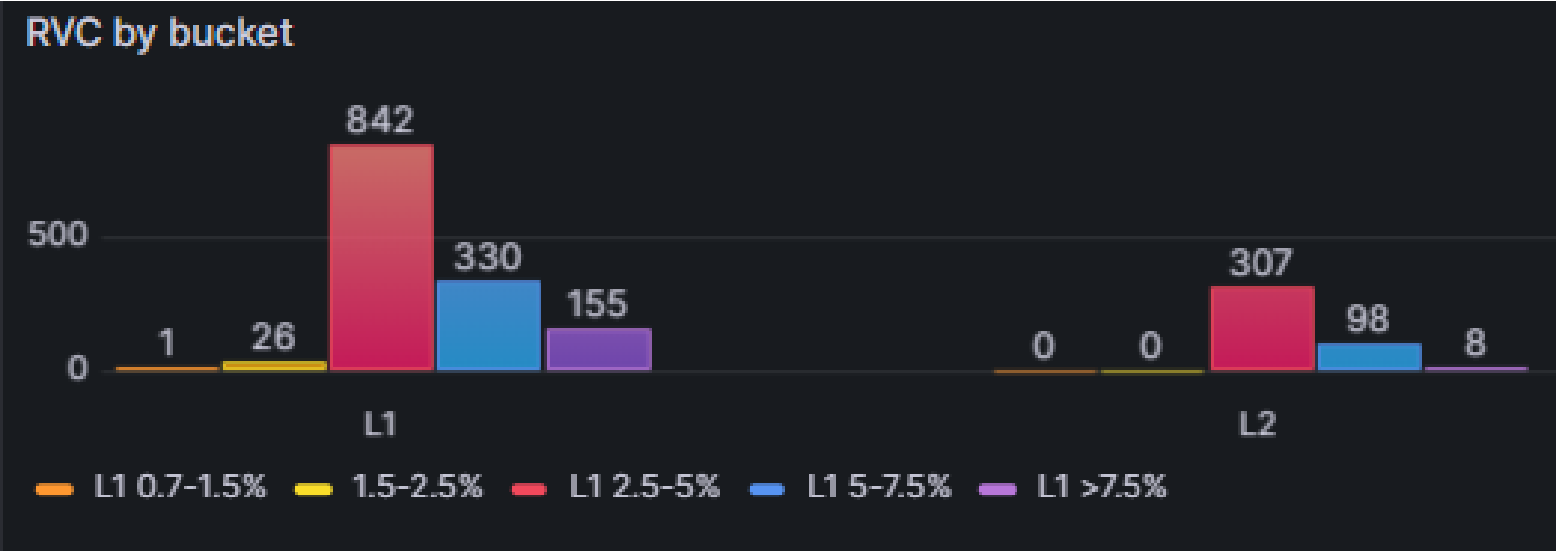
Charts and historical analysis

Time-series charts help users compare phase measurements and review changes over time. Built-in analysis and historical statistics support the assessment of network behaviour and provide information for network development decisions.

Predefined and tailored reports

Voltage reports summarise measured values and their distribution across defined ranges. Predefined and tailor-made reporting supports the review of power quality data and the information needs of each customer.

Event statistics, notifications and system management



Voltage DIP Statistics (All devices)

uminpercent	20ms_200ms	200ms_500ms	500ms_1000ms	1000ms_5000ms	5000ms_60000ms
100 > U > 90	0	0	1	0	0
90 > U > 80	12	33	11	10	0
80 > U > 70	1	0	0	0	0
70 > U > 40	4	1	1	18	59
40 > U > 10	0	1	2	2	31
10 > U > 1	3	1	0	34	40

Rapid voltage changes and events

Review rapid voltage change distributions and voltage dip statistics. Event summaries help users assess recurring disturbances and focus further analysis on relevant measurement points.

Alerts and system management

Insight supports notifications through channels such as email or phone, as well as GridAid system control and management. Reporting and software functionality can be tailored to customer requirements.

Contact our team to discuss your GridAid system solution.

We help define the configuration for your monitoring needs. www.comtech.hu